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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/528,789	09/07/2005	Mario Aleksic	095309.56021US	6284
23911 7590 06/24/2009 CROWELL & MORING LLP INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300				
EXAMINER				
BROADHEAD, BRIAN J				
ART UNIT		PAPER NUMBER		
3664				
MAIL DATE		DELIVERY MODE		
06/24/2009		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/528,789

Applicant(s)

ALEKSIS ET AL.

Examiner

BRIAN J. BROADHEAD

Art Unit

3664

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 18-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 18-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 March 2005 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-8508)
- Paper No(s)/Mail Date 9-7-05, 3-23-05
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date _____
- 5) ☐ Notice of Inventor's Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-25 and 31-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Machii et al., 2005/0159887.
3. Machii et al. disclose a buffer for geographic information, said buffer containing only geographic information suitable to describe at least one possible route of the vehicle (21); an input interface for selecting a subset of the geographic information stored in the buffer, in response to at least one position-related parameter entered at the input interface (505); an output interface for outputting the subset of the geographic information corresponding to the at least one parameter values, whereby the output information is sent for further processing in the vehicle control system(502); the buffer is overwritable and the buffer comprises a flash ROM (605); at least one of the input and output interfaces is connected to a vehicle-based information network (figure 2); the geographic information is at least partially or incrementally changeable (figure 21); change of the geographic information is performed by means of a data transmission line connected to the buffer (figure 2, the buffer is a flash card and when it is placed in any

computer it will be connected to some type of data transmission line for reading/writing) one of a geographic position of the vehicle, a geographic area based thereon, and a route section based thereon, is entered as a parameter value at the input interface (figure 12). further comprising an EDP connection with a vehicle-based telematics platform (figure 2 (106)); further comprising an EDP connection with a navigation system in figure 2 (106); the navigation system is centrally based in figure 2; the geographic information is certified is functional language and does not change the attributes of the geographic information; the geographic information describes at least one route of the vehicle in paragraph 13; the vehicle is a commercial vehicle is intended use and does not distinguish over the cited prior art; the sensor arrangement comprises an intelligent sensor in figure 2 (flash cards are plug and play); and the geographic information comprises data describing only highways in paragraph 10.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 26-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Machii et al., 2005/0159887 as applied to claims 1-25 above, and further in view of Jenkins et al., 2001/0018628.

6. Machii et al. disclose the limitation as set forth above. They do not disclose an EDP connection to a road impact fees calculator. Jenkins et al. disclose an impact fees

calculator. It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the device of Machii et al. to provide location information to the device of Jenkins through an EDP connection because such modification would eliminate the need for multiple GPS and map databases within a vehicle.

7. Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over Machii et al., 2005/0159887, and Jenkins et al., 2001/0018628 as applied to claims 26-29 above, and further in view of Adachi, 2008/0198043.

8. Machii et al. and Jenkins et al. disclose the limitation as set forth above. They do not disclose a non straight parameter based section of a road is described as a circular arc, clothoid, or spline. Adachi teaches a non straight parameter based section of a road is described as a circular arc, clothoid, or spline in paragraph 13. It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the spline of Adachi in the invention because such modification would require less storage space as disclosed by Adachi.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRIAN J. BROADHEAD whose telephone number is (571)272-6957. The examiner can normally be reached on Monday through Thursday or Tuesday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Khoi Tran can be reached on 571-272-6919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Brian J. Broadhead/
Examiner, Art Unit 3664